

# New Jersey Department of Transportation FY 2002 - 2003 Study and Development Program

ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

## Berkeley Avenue

NS9810

### LOCATION/DESCRIPTION

Cedar Street to Jerome Avenue

The Berkeley Avenue Bridge project proposes replacement of the existing bridge with a new structure.

SPONSOR: Essex County

COUNTY: Essex

MILEPOSTS: N/A

STRUCTURE NO.: 0700059

MPO	Phase	Year
NJTPA	LFSD	2002

## Bloomfield Avenue Bridge

98342 98342

### LOCATION/DESCRIPTION

Bloomfield Avenue over Montclair Line, proposed rehabilitation or replacement

This project will address the proposed rehabilitation or replacement of existing structure.

SPONSOR: NJDOT

COUNTY: Essex

MILEPOSTS: N/A

STRUCTURE NO.: 0764152

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FSD	2003

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### Clifton Avenue NJT Bridge

98523      98523

#### LOCATION/DESCRIPTION

Clifton Avenue over Morristown Line, proposed bridge replacement

This is a deficient structure carrying a local roadway over NJ TRANSIT tracks and has been identified by NJ TRANSIT as a candidate for replacement.

SPONSOR: NJDOT

COUNTY: Essex

MILEPOSTS: RR: 00827

STRUCTURE NO.: 0765158

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FSD	2003

### Nesbitt Street NJT Bridge

98517      98517

#### LOCATION/DESCRIPTION

Nesbitt Street over Morristown Line, proposed bridge replacement

This is a deficient structure carrying a local roadway over NJ TRANSIT tracks and has been identified by NJ TRANSIT as a candidate for replacement.

SPONSOR: NJDOT

COUNTY: Essex

MILEPOSTS: RR: 00822

STRUCTURE NO.: 0765157

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FSD	2003

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### Newark, NJT Morristown Line Bridges

02344      02344

#### LOCATION/DESCRIPTION

The following structures over the NJ TRANSIT Morristown Line have been identified as deficient structures: Third Street, Fourth Street, Fifth Street, Sixth Street, Seventh Street, Roseville Avenue. The proposed bridge replacements will be on the same alignments as the existing bridges. The proposed Roseville Avenue Bridge will be 72 feet wide and provide two 14-foot travel lanes, two 8-foot shoulders, and two 12-foot sidewalks. The proposed Third, Fifth and Sixth Street Bridges will be 60 feet wide and provide one travel lane, varying between 11 and 20 feet, two 7 to 8-foot parking lanes and two 8 to 11 foot shoulders. Fourth Street is a bridge removal with no replacement

Structure Nos.: 0765168, 0765172, 0765167, 0765173, 0765170, 0765166.

SPONSOR: NJDOT

COUNTY: Essex

MILEPOSTS: N/A

STRUCTURE NO.: Various See Descript.

MPO	Phase	Year
NJTPA	FSD	2002

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### Park Avenue/Bloomfield Avenue Bridges

NS0013    MS0013

#### LOCATION/DESCRIPTION

Park Avenue over Park Road and lake; Bloomfield Avenue over Park Road, proposed bridge rehabilitations

Park Avenue over Park Road (0700101) and lake is located in the City of Newark. The bridge is a single span reinforced concrete encased steel arch structure constructed in 1905. The structure itself is classified as individually eligible and lies within the Branch Brook Park Historic District. The bridge carries Park Avenue in an east/west direction connecting Newark with West Orange. The latest Bridge Evaluation Survey Report reveals that the bridge is in need of rehabilitation in order to retard further deterioration, preserve its structural integrity, improve safety and extend its useful life. Bloomfield Avenue over Park Road (0700008) is located in the City of Newark. The bridge is a single span reinforced concrete arch bridge constructed in 1904. The structure itself is classified as individually eligible and lies within the Branch Brook Park Historic District. The bridge carries Bloomfield Avenue, a principal arterial county road which connects Essex County Municipalities from Newark at the east through Fairfield at the west. The latest Bridge Evaluation Survey Report reveals that the bridge is in need of rehabilitation in order to retard further deterioration, preserve its structural integrity, improve safety and extend its useful life.

SPONSOR: Essex County

COUNTY: Essex

MILEPOSTS: N/A

STRUCTURE NO.: 0700101 0700008

MPO	Phase	Year
NJTPA	LFSD	2002

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### Portway

97005      97005

#### LOCATION/DESCRIPTION

Portway is a part of New Jersey's Intermodal Connection to World Trade. Portway improvements will create a dynamic new intermodal corridor for international goods movement and will provide a truck route that will relieve congestion on area roads as well as save time and energy for seaport traffic. It will establish an intermodal freight corridor that supports economic development and creates jobs. Portway improvements will occur in various municipalities such as Newark, Jersey City, Elizabeth, Kearny, Linden, and Rahway.

SPONSOR: NJDOT

COUNTY: Union Essex Hudson

MILEPOSTS: N/A

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	CD	2002
NJTPA	FA	2002
NJTPA	FSD	2002
NJTPA	CD	2003
NJTPA	FA	2003
NJTPA	FSD	2003

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ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

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CR 510	South Orange Avenue Traffic, operational and roadway improvements	02369	02369
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**LOCATION/DESCRIPTION**

Brookside Drive/ Cherry Lane to Harding Drive

The project encompasses 1.6 miles of South Orange Avenue from Brookside Drive/Cherry Lane to Harding Drive. This section of roadway has many safety concerns associated with it. South Orange Avenue is a four-lane highway (two lanes in each direction) separated by a concrete barrier with no existing shoulders. The roadway contains many sharp horizontal curves which are compounded by the presence of reverse superelevation. Substandard placement of drainage structures, steep vertical grades, and substandard vertical curve lengths also exacerbate the safety problems. The County wishes to investigate remedies for these problems as well as investigate the rehabilitation of an existing equine/pedestrian bridge which crosses South Orange Avenue and provides linkage to South Mountain Reservation and existing bicycle pathways.

SPONSOR: Essex County

COUNTY: Essex

MILEPOSTS: N/A

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	LFSD	2002

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10	Eisenhower Parkway, safety improvements	02376	02376
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**LOCATION/DESCRIPTION**

A safety problem has been identified at the intersection of Route 10 and Eisenhower Parkway.

SPONSOR: NJDOT

COUNTY: Essex

MILEPOSTS: 18.75

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FA	2003

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ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

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21	( 8) Southbound viaduct Chester Avenue	9145	9145
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**LOCATION/DESCRIPTION**

Southbound viaduct, vicinity of Chester Avenue, proposed rehabilitation or replacement

This project will provide for the proposed replacement of the existing structure, as well as safety and geometric improvements to the roadway.

SPONSOR: NJDOT

COUNTY: Essex

MILEPOSTS: 4.30 - 4.70

STRUCTURE NO.: 0716150

MPO	Phase	Year
NJTPA	FSD	2002

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21	Newark Needs Analysis	99381	99381
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**LOCATION/DESCRIPTION**

Green Street to Murray Street, needs analysis

An analysis will be undertaken for the operational and other needs on Route 21 in Newark between the Route 21 Viaduct project and the Route 21, TSM 6 project.

SPONSOR: NJDOT

COUNTY: Essex

MILEPOSTS: 1.20 - 2.10

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	CD	2002
NJTPA	FA	2003

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ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

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<b>21</b>	<b>Newark Waterfront Community Access Study</b>	98540	98540
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**LOCATION/DESCRIPTION**

A study will be performed to recommend safe pedestrian access across Route 21 from the New Jersey Performing Arts Center area to the Passaic River waterfront.

The federal Transportation Equity Act for the 21st Century (TEA-21) provided funding for this project under Section 1601, High Priority Projects Program. The Act allocated \$1,000,000 for this project. FY 2000 and FY2001 RABAs have increased the total authorization amount to \$1,026,335.

SPONSOR: NJDOT  
COUNTY: Essex  
MILEPOSTS: N/A  
STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FSD	2002

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<b>21 Fwy</b>	<b>Safety Improvements</b>	93221	93221
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**LOCATION/DESCRIPTION**

Vicinity of Passaic Street to North of Madison Street (end of freeway), proposed safety improvements

Proposed safety improvements may include resurfacing, upgrade of substandard guiderail, and traffic engineering changes. Proposed improvements to Route 21/Route 3 interchange may be required due to inadequate acceleration/deceleration lanes and poor ramp geometrics.

SPONSOR: NJDOT  
COUNTY: Essex Passaic  
MILEPOSTS: 4.10 - 12.45  
STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FSD	2003



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ROUTE/PROGRAM	Project ID Numbers	
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<b>22</b>	<b>14H 15J, Meeker Avenue to Morris Avenue</b>	658	ES-73 UC-46
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**LOCATION/DESCRIPTION**

West of Meeker Avenue to vicinity of Morris Avenue, proposed rehabilitation and operational improvements

Proposed improvements may include construction of additional acceleration-deceleration lanes, safety improvements, resurfacing, and bridge rehabilitation or replacement of the structure at Bloy Street.

SPONSOR: NJDOT

COUNTY: Essex Union

MILEPOSTS: 55.0 - 56.9 & 57.3 - 59.5

STRUCTURE NO.: 2004152

MPO	Phase	Year
NJTPA	CD	2002
NJTPA	FA	2003

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<b>46</b>	<b>Fairfield Connector</b>	9111D	9111D
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**LOCATION/DESCRIPTION**

Interchange with Fairfield Avenue Connector, proposed improvements

Proposed improvements to Fairfield Avenue Connector may address inadequate acceleration/deceleration lanes, as well as the absence of a physical separation of traffic in the ramps.

SPONSOR: NJDOT

COUNTY: Essex

MILEPOSTS: 54.40

STRUCTURE NO.: 0722155

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FA	2003

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**ROUTE/PROGRAM**

**Project ID Numbers**

**DB No. TIP No.**

**46**

**Gately Overpass**

**9111C**

**9111C**

**LOCATION/DESCRIPTION**

Interchange at Gately Overpass, proposed improvements

Proposed operational improvements may address inadequate acceleration/deceleration lanes at this interchange, as well as the lack of separation of traffic within the ramps.

SPONSOR: NJDOT

COUNTY: Essex

MILEPOSTS: 53.10

STRUCTURE NO.: 0722150

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FA	2003

**46**

**Hollywood Avenue**

**9111B**

**9111B**

**LOCATION/DESCRIPTION**

Interchange at Hollywood Avenue, proposed improvements

Proposed operational improvements may address inadequate acceleration/deceleration lanes at this interchange, as well as the lack of separation of traffic within the ramps.

SPONSOR: NJDOT

COUNTY: Essex

MILEPOSTS: 53.90

STRUCTURE NO.: 0722152 0722153

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FA	2003

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ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

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<b>46</b>	<b>Passaic Avenue to Willowbrook Mall</b>	9233B3	9233B3
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**LOCATION/DESCRIPTION**

Route 23/46/80 Proposed Near-term Improvements: Passaic Avenue interchange through Willowbrook Mall interchange, proposed widening

It is proposed to widen Route 46 from four lanes to six lanes to provide additional capacity for a roadway that currently operates at, or near, capacity in the peak direction during weekday peak hours.

SPONSOR: NJDOT

COUNTY: Essex Passaic

MILEPOSTS: 54.96 - 55.56

STRUCTURE NO.: 0722156 0722157 0722158 1606411

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FA	2003

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<b>78</b>	<b>Union/Essex Rehabilitation, Springfield Avenue to Route 1&amp;9</b>	00373	00373
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**LOCATION/DESCRIPTION**

Springfield Avenue (Route 124) to vicinity of Route 1&9, proposed rehabilitation/reconstruction

This project will address the proposed rehabilitation/reconstruction of I-78.

SPONSOR: NJDOT

COUNTY: Union Essex

MILEPOSTS: 50.6 - 58.5

STRUCTURE NO.:

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FSD	2003

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**ROUTE/PROGRAM**

**Project ID Numbers**

**DB No. TIP No.**

**80**

**Two Bridges Road Interchange**

**9233B5 9233B5**

**LOCATION/DESCRIPTION**

Route 23/46/80 Near-term Improvements: Proposed interchange improvements at Two Bridges Road

Proposed interchange improvements at Two Bridges Road may include widening the approaches at the intersection of I-80 westbound off-ramp and Two Bridges Road as well as the installation of a new traffic signal at this location. The southbound approach may be widened to provide a left-turn lane at the I-80 eastbound on-ramp and Two Bridges Road.

SPONSOR: NJDOT

COUNTY: Essex

MILEPOSTS: 52.4 - 52.6

STRUCTURE NO.: 0726154 0726153

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FA	2003

**280**

**Clifton Avenue to Route 21,  
Drainage**

**93185 93185**

**LOCATION/DESCRIPTION**

This identified drainage problem from Clifton Avenue to the vicinity of Route 21 results in periodic flooding during heavy rain. Conditions noted include antiquated drainage system; major traffic disruption.

SPONSOR: NJDOT

COUNTY: Essex

MILEPOSTS: 13.40 - 14.50

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FSD	2003

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**ROUTE/PROGRAM**

**Project ID Numbers**

**DB No. TIP No.**

**280**

**Downtown Connector, Phase III**

**824B**

**824B**

**LOCATION/DESCRIPTION**

Proposed Newark Downtown Connector, Phase III

This Proposed study will determine potential alignment for Boulevard from First Street to Raymond Boulevard.

SPONSOR: NJDOT

COUNTY: Essex

MILEPOSTS: N/A

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	CD	2003

**280**

**Passaic River Bridge (AKA Stickel Bridge)**

**00358**

**00358**

**LOCATION/DESCRIPTION**

Proposed replacement of the bridge over the Passaic River

This vertical lift bridge is 626 feet long and carries six lanes of traffic. This structurally deficient and functionally obsolete structure is in overall poor condition with the deck in serious condition. Since the Coast Guard has proposed to permanently close this bridge to navigational traffic, it may be reasonable to replace this structure with a fixed bridge as there has not been any reported openings during 1999.

SPONSOR: NJDOT

COUNTY: Essex

MILEPOSTS: 14.42 - 14.60

STRUCTURE NO.: 0731161

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FA	2003

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ROUTE/PROGRAM	Project ID Numbers	
	DB No.	TIP No.

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<b>280</b>	<b>Ramp A&amp;B to Route 21</b>	<b>00314</b>	<b>00314</b>
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**LOCATION/DESCRIPTION**

Ramps A and B, Route 21 northbound to I-280 eastbound), proposed bridge replacement

The project will address the proposed replacement of this structure which is listed in serious condition due to the severe deterioration of concrete in the deck and pier columns. Out of the seven main spans, Spans 4 through 8 are in poor condition. The columns shear reinforcement ties were not design in accordance with current standards; this combined with concrete deterioration makes the bridge more vulnerable for failure.

SPONSOR: NJDOT

COUNTY: Essex

MILEPOSTS: 14.43

STRUCTURE NO.: 0731160

MPO	Phase	Year
NJTPA	FA	2002
NJTPA	FA	2003

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<b>280</b>	<b>Whittingham Place/Kingsley Street</b>	<b>98387</b>	<b>98387</b>
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**LOCATION/DESCRIPTION**

Proposed intersection improvements at the entrance ramp to I-280 East, Whittingham Place, and Kingsley Street

This proposed project will provide for improvements in the vicinity of the entrance ramp to I-280 East, Whittingham Place, and Kingsley Street.

SPONSOR: NJDOT

COUNTY: Essex

MILEPOSTS: 10.10

STRUCTURE NO.: N/A

MPO	Phase	Year
NJTPA	FSD	2002